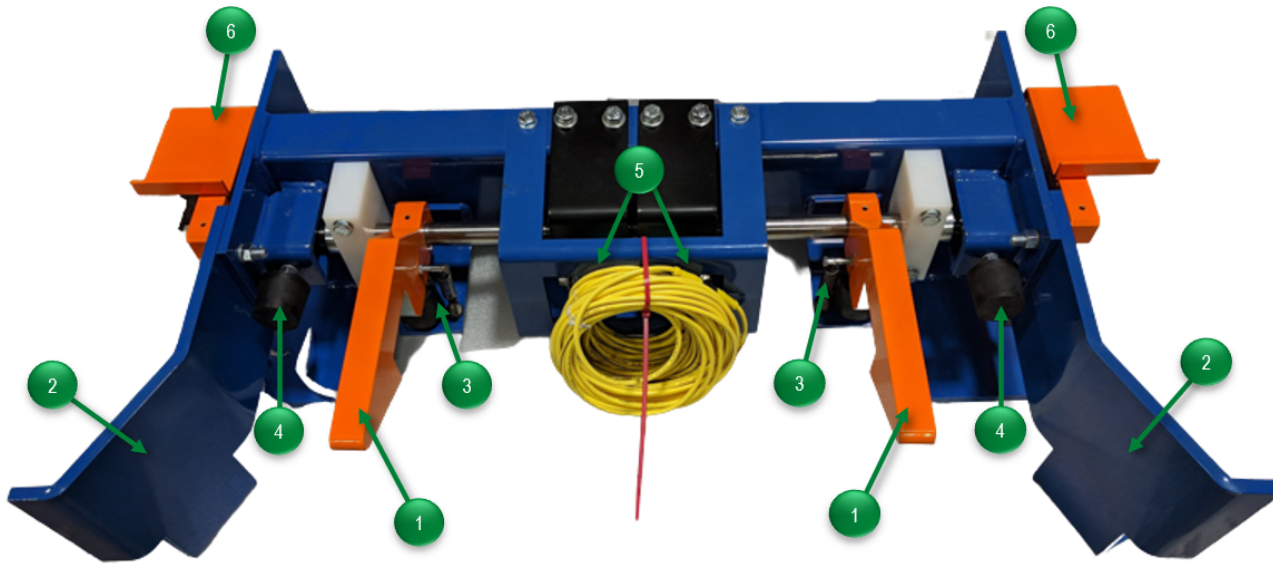


Docking Station Components

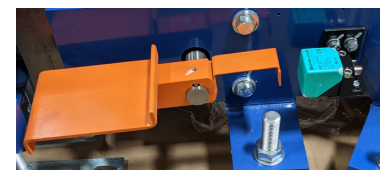


- 1** Clamp Arm
- 3** Tension Spring
- 5** Proximity Switch
- 2** Side Plate
- 4** Rubber Bumper
- 6** Foot Pedal

Docking Station Overview

The Docking station is a floor mounted unit used to locate and hold the Pull-off Dolly during skid transfer. As the dolly is inserted, the side plates act as guides towards the clamp arms. When the pull-off dolly is engaged at the docking station, the clamp arms latch and hold the dolly in place.

There are tension springs acting on the clamp arms to hold them in the down positions. There are rubber bumpers mounted on either side to prevent damage to the docking station as the dolly is being attached. Prox switches will detect and signal that a dolly is present at the docking station. The foot pedals are used to remove the dolly from the docking station; simply step on the foot pedal to releases the clamp arms.



Foot pedal and prox.

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Skids being loaded via the docking station need to be entered backwards to ensure proper direction as the skid continues moving through the system. Should the skid be loaded incorrectly, it will need to be removed and reinserted properly.